

# FUNGI ALIQUOT EXTRA-EUROPÆI

AUCTORE

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1. **Favolus europæus** Fr. Ad truncos emortuos, *Ohio* U. S. A. ELLIS (3363). — Perfecte congruit cum typo europæo.
2. **Pilobolus Œdipus** Mont. In stercore humano, *Newfield, New-Jersey, U. S. A.* ELLIS (3360). — Status chlamydosporus sistens *Mycogonem ancipitem*, qualem delineat cl. COEMANS Spic. Mycol. n.º 6 p. 11, fig. 5. Conidia nunc globulosa 20 micr. d., nunc ovoidea, 30–35 × 20, sæpe prope basim septata, leniterque constricta, intus granulosa, aurantiaca. Hyphæ dichotome vel vage ramosæ, repentes, septulatæ, flavidæ.
3. **Myxotrichum ochraceum** B. & Br. Grev. 1874 p. 184 \***coprogenum**. In stercore humano putri *Newfield*, ELLIS, sed ad maturitatem culturâ provectum *Padova*, Febr. 1881. — Cæspituli e roseo ochracei, pulvinati, laxe gossipini,  $\frac{1}{2}$  mill. d.; hyphæ assurgentes repetite dichotome ramosæ, parce septatæ, 4 micr. cr. ramuli ultimi sæpius curvuli flavo-ochracei, granulosi; sporæ ad apicem ramulorum tenuiorum initio *intra vesiculam sphericam*,  $8\frac{1}{2}$ –10 micr. d., conglobatæ, sæpius octonæ, globoso-depressæ, 3– $3\frac{1}{2}$  micr. d. e fronte, 2 micr. e latere, flavo-ochraceæ, denique, vesiculâ dilabente, varie dispersæ. De præsentia vesicularum seu sporangiorum, sporas sæpius octonas continentium, nullum mihi est dubium; immo suspicio maxime probabilis adest et ceteras *Myxotrichi* et *Bolacotrichæ* species eadem fructificatione uti; auctores enim (Cfr. Fr. Summa 502, nota\*\*, Cooke Handb. p. 612. 613, Wallr. Fl. crypt. 314 &c.) communi consensu sporas initio in

glomerulos conglobatas in iisdem speciebus describunt, prætervisâ vesiculâ, quæ cum revera nisi in prima ætate conspici non possit, facillime prætereunda est. Ex quibus præmissis, ut evidens est, necessitas oritur generis *Myxotrichi* et prob. *Bolacotrichæ* e grege Hyphomycetum ad illam Mucorinearum transferendi, indeque ejusdem delendi prout status conidioph. Chætomiorum qualem habet Fuck. Symb. p. 90 aliique.

**PLEOCHÆTA** Sacc. & Speg. nov. gen. Erysiphearum. — Perithecia subiculo mucedineo insidentia, globuloso-lenticularia astoma, contextu parenchymatico solidiusculo, setis copiosissimis radiantibus, bacillaribus, rectis, simplicibus, hyalinis cincta. Asci clavulati, bispori; sporidia continua, subhyalina. — Setis creberrimis rectis, contextu perithecii subcoriaceo, ascis tereti-sculis &c., ab *Erysiphe* et *Uncinula* dignoscitur.

4. **Pléochæta Curtisii** Sacc. & Speg. Fung. Arg. pug. II. p. 44. *Erysiphe polychæta* Berk. & Ces. Grev. 1876 p. 159. *Uncinula Lynchii* Speg. Fung. Arg. pag. II. p. 17 n.º 54. — In pag. infer. foliorum *Celtidis* Talæ prope *Buenos-Ayres*, Apr. 1880 (SPEGAZZINI). — Asci tereti-clavati, in stipitem basi nodulosum producti, 80–90 = 25–30, bispori; sporidia ellipsoidea, 25 = 17, hyalina.
5. **Saccardia Martini** Ell. & Sacc. Peritheciis in subiculo mucedineo ex hyphis tortuosis mox evanescentibus contexto, albo, laxe gregariis, superficialibus, globoso-depressis denique umbilicatis, astomis, nigricantibus, contextu minute anguloso-parenchymatico, fuligineo; ascis fasciculatis, oblongo-clavatis, brevissime stipitatis, apice rotundatis, 65–70 = 25–28, aparaphysatis, octosporis; sporidiis di-tristichis, oblongo-cylindræis, sæpius curvulis, utrinque rotundatis, 6–7-septatis, septulisque 2–4 longitudinalibus divisis, ad septa leniter constrictis, granulosis, hyalinis. — In pagina superiore foliorum languentium *Quercus laurifoliæ*, *Florida*, U. S. A., legit Doct. S. MARTIN, comm. J. B. ELLIS. — Secunda generis Cookeani eximia species.
6. **Leptosphæria hyalospora** Sacc. In culmis *Zeræ*

- Maydis, *Newfield*, U. S. A., ELLIS. — Asci 100–110  $\approx$  15–16; sporidia fusoides, curvula, 32–35  $\approx$  6, utrinque acutiuscula, 8–10–nucleato–septulata, vix constricta, hyalina.
7. **Didymella lophospora** Sacc. & Speg. f. **Acetosellæ** Ellis. — In caule Rumicis putrescente, *Newfield*, ELLIS. — Asci 80–90  $\approx$  8–10; sporidia disticha biconica, utrinque appendiculata, constricto–1–septata, 4–guttulata, 10–12  $\approx$  4 (sine append.) hyalina.
  8. **Ophiobolus collapsus** Ell. & Sacc. Peritheciis gregariis, epidermide velatis dein erumpentibus, depresso-globulosis,  $\frac{1}{2}$  mill. d., dein subcupulatis, nigricantibus, maculaeque nulla insidentibus; ascis cylindraceis breve stipitatis, 80–110  $\approx$  8–10, octosporis; sporidiis bacillaribus, curvulis, circa medium noduloso–incrassatis, 70  $\approx$  2, 12–15–guttulatis, hyalinis. — In caule putrescente Trifolii pratensis, *Newfield*, ELLIS. — Habitu refert *Oph. ulnosporum* (Cooke) sed asci et sporidia tenuiora, sporidiaque aliter formata.
  9. **Trabutia quercina** (Fr. & Rud.) Sacc. Rev. Mycol. 1881 p. 27 t. XIV. fig. 2. — In pag. sup. foliorum Quercus laurifoliae, *Florida*, legit Doct. G. MARTIN, comm. J. B. ELLIS. — Specimina immatura.
  10. **Eutypa velutina** (Wall.) Sacc. \***quercina**: ascis minoribus, nempe 22–26  $\approx$  3 $\frac{1}{2}$ –4 (p. spor.); sporidiis etiam minoribus, 5–6  $\approx$  1, subhyalinis. — In ligno quercino, *Newfield*, ELLIS (3353).
  11. **Eutypa lejoplaca** (Fr.) Nitschke. In ligno Pyri, *Newfield*, ELLIS (3389).
  12. **Nectria Brassicae** Ell. & Sacc. Peritheciis, dense gregariis, globoso–conoideis, non collabescentibus, perexiguis, sanguineis,  $\frac{1}{8}$  mill. d., ostiolo obtusiusculo conico; contextu laxo cellulari, roseo, cellulis peristomaticeis, more solito, pyramidatis pallidioribus; ascis tereti–clavatis, 60  $\approx$  7–8, apapophysatis, brevissime stipitatis, apice obtusis, octosporis; sporidiis oblongo–clavulatis, 10–11  $\approx$  4–4 $\frac{1}{2}$ , uniseptatis, hyalinis. — In caule putri Brassicae, *Newfield*, ELLIS. — Affinis *Nectria sanguinea* (Sibth.) Fr.

13. **Calonectria erubescens** (Desm.) Sacc. *Michelia* I. 309. In foliis *Quercus laurifoliae* subviviis, *Florida*, legit Doct G. MARTIN, comm. J. B. ELLIS. — Asci tereti-fusoidei,  $35-40 \times 8-9$ ; sporidia disticha oblongo-teretiuscula,  $10 \times 3$ , quadri-nucleata, spurieque 3-septata, hyalina.
14. **Diplodia Zeæ** Lév. In culmis *Zeæ* *Maydis* putrescentibus, *Newfield*, ELLIS. — Stylosporæ tereti-fusoideæ, quandoque curvulæ,  $25-30 \times 6$ , fuliginææ.
15. **Leptothyrium? foraminulatum** Sacc. & Ell. Peritheciis gregariis superficialibus, punctiformibus, scutato-planis, astomis, nigris; contextu parenchymatico radiato, cellulis sæpe cuboideo-oblongis fuliginæis, excentrice minute hyalino-uni-punctatis (simulate foraminulatis); sporis... non visis. — In foliorum pagina superiore *Ilicis opacæ*, *Newfield*, ELLIS. — Etsi fructificatio ignota, species ob cellulas peritheciæ punctulata distincta videtur.
16. **Pestalozzia monochætoidea** Sacc. & Ell. Acervulis gregariis, epidermide velatis, pulvinatis e globoso inæqualibus,  $\frac{1}{4}-\frac{1}{3}$  mill. d., nigris; conidiis breve fusoides, inæquilateralibus,  $8-10 \times 4$ , utrinque obtusiusculis, 3-septatis, non constrictis, oculis mediis fuliginæis, extimis hyalinis, apice setulâ  $8-10 \times \frac{1}{2}$  hyalinâ terminatis, basidiisque filiformibus  $8-10 \times \frac{1}{2}$  suffultis. — In ramulis *Spirææ* emortuis, *Newfield*, ELLIS. — Affinis *P. microsora* Sacc. Michel. II. 273.
17. **Colletotrichum Lineola** Corda, Mich. II. 271. *Psilonia apalospora* B. & C., Ellis North. Am. Fungi n. 54! In utraque pagina præcipue ad nervos foliorum languidorum *Sorghii saccharati*, *Newfield*, ELLIS (3381). — Setulæ, conidia, basidia perfecte ut quæ l. c. descripsi. — A gen. *Psilonia* longe distat quia setæ stricte dematiææ, nec mucedineæ; a gen. *Ellisiella* Sacc. optime distinguitur conidiis muticis.
18. **Exosporium Tiliæ** Link. Ad ramulos *Tiliæ*, *Ohio* U. S. A. ELLIS (3361).
19. **Hormomyces aurantiacus** Bon. Handb. p. 50 fig. 234. — In lignis et in hymeniis Polypororum pu-

- trescentium, *Newfield*, U. S. A., ELLIS. — Conceptacula inæqualiter globulosa,  $\frac{1}{2}$  mill. d., sæpe botryoido-aggregata, superficialia, pulchre sanguinea, gelatinoso-duriuscula (saltem in sicco!); hyphæ seu flocci dense fasciculati, moniliformi-pluriseptati, ramosique; articuli seu conidia diu concatenata ellipsoideo-globosa, 7-9  $\approx$  7, guttulata et nubilosa, rubentia. — A specie Bonordenii differt colore purpureo potius quam aurantiaco, sed differentia ab ætate pendere potest.
20. **Botrytis geniculata** Corda, *Michelia* II. 385. In Hypoxyli coccinei superficie, *Newfield*, ELLIS (3362).
21. **Monilia Martinii** Ell. & Sacc. Cæspitulosa v. effusa pallide lateritia, bombycina; hyphis sterilibus repentibus parvis, septulatis; fertilibus assurgentibus cylindraceis, 12-14 micr. cr., septatis sursum bis dichotome ramosis; conidiis ex ramorum apice oriundis, longiuscule et contigue concatenatis sed mox secedentibus, e globoso subcuboideis, 12-14 micr. d., pallide rubescentibus, eguttulatis, levibus. — In rachide putrescente Zeæ Maydis, *Florida*, legit. Doct. G. MARTIN, cui species jure meritoque dicata; comm. J. B. ELLIS (3380). — Procul dubio *Monilia sitophila* (Mont.) Sacc. affinis; differt vero conidiis utrinque obtusis nec basi distincte apiculatis, aliterque coloratis.
22. **Helminthosporium Hirudo** Sacc. *Fung. It.* t. 54. In ligno et cortice duriore putrescente, *Newfield*, ELLIS.
23. **Stemphylium botryosum** Wallr. \***S. asperulum**: effusum, hyphis ramosis, repentibus, subcontinuis, hyalinis; conidiis subglobosis 15-18 micr. d., 2-3-septatis nec non longitrorsum divisis, subasperulis, violaceofuscis. — In stercore humano, socio *Pilobolo* etc., *Newfield*, ELLIS (3360 ex p.). — Distinctum videtur, sed unica vice observare contigit.